BIG COAST GUNS MAKENEW RECORD

Sandy Hook Artillerymen Beat the Word in Big-Gun Fire.

SIX HITS IN SEVEN SHOTS

Scored on Moving Target Six Miles Out at Sea-All Seven Shots Fired in Four Minutes and Twentyone Seconds.

New York.-They did a reassuring thing with their blg guns at Sandy Hook the other day, reassuring for any people of this city who may be disturbed from time to time by the periodic outbursts of the army critics who think that the Coast artillery doesn't know how to shoot. On the contrary they shoot so well that on the day in question they broke the world's recorfor big-gun fire on a range of over ten thousand yards. Seven shots were fired and six hits scored with a 12-incl gun playing on a moving target some think over six miles away, 11,120 yard to be exact.

The target was a floating pyramid 12 feet square at the base and 15 feet high, a mere dot on the surface of the sea to the gunners at Fort Hancock. And yet so accurately did they locate the dot and gauge the motion through the water that had the flimsy pyramid target been a battleship, six of those the glass. Bells ring simultaneously in 7,000-pound projectiles would have torn through her engine room. There were not only six hits, but they were bunched hits. And all seven shots were fired in 4 minutes and 32 seconds. the scale and telephone those findings Furthermore, the target was two or three miles farther away than a ship would be before she could get into the channel that would enable her to come up within hitting distance of the city. The Men Who Did It.

The artillerymen who made this record were the members of the Fortyeighth company, Lieut. Marcellus H. Thompson commanding. Of course, shooting 12-inch guns so they will hit something is their regular job, but that particular day's work did attract some yards or over is considered good shootsilence of a 12-inch gun immediately before and after is as impressive as its

But the supreme instant of its silence is when it gets up to speak. It has been so well fed-1,046 pounds of ing and something must be allowed steel and 268 pounds of nitrocellulose for that, three-tenths of a degree, say, -this chief speaker at a party that for an eight-mile breeze. A man at the is a sort of international entertainment for a visiting fleet. Lieutenant Thompson, tonstmaster, in a word of army lingo and a gesture, makes the introduction. Somebody releases a metal tooth that had locked and held or lower for every shot. Somebody his hand on the delicate mechanism 20 feet into the air without a sound as work on that trifle to see by what hun- going home. its lead counterweight sinks as silently 20 feet down into the emplacement. Then, the speech to the audience on the horizon!

Lieutenant Thompson dodges com pliments and congratulations by explaining how the record shooting of his company never would have been possible but for the long years of hard work and training of the Coast artillery corps as a whole under the direction of General Murray and General

Fuss About Missed Shots.

The men of the Firty-eighth commissed than the six that hit. They expany fuss more about the one shot that plain apologetically that at the instant the range for the fifth shot (the one that missed) came over the wire from Principal Crusade Will Be Waged the plotting room the gun was fired and the man at the time-range board did not hear accurately. He got the second or third figure beyond the decimal point wrong, and that made the next shot fall a trifle short. But the very next shot not only came within first mother police force in the histhe limits of a battleship's vitals but tory of the world has been organized demolished the pyramid target itself.

Before thinking that they must have city. The primary purpose of the orbeen very careless on that lost shot, ganization, which is composed exclutry to visualize and "audibilize" what sively of mothers of the district, is the goes on in the emplacement and the protection of young girls. To this end range finding station when they are it will make war on extremes in modfiring big guns. Remember that they ern day dress, wage a campaign fire every half-minute, that a thousand against that type of dance and movie and one things must be done to the gun between shots, and that with a and keep open house at all times for moving target each firing involves a brand-new problem involving a mass of hifalutin higher mathematics. Also that you have to know the answer to

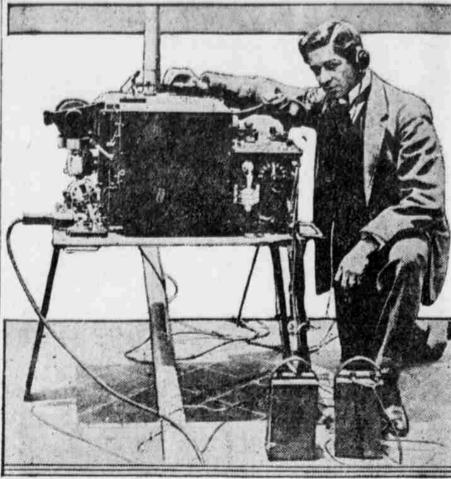
each of these problems in 30 seconds. For each gun there are 15 men in the range section or position-finding service, and they must all agree on the result, and what they do must be sup- desecration, and generally aim at the plemented by the 42 men who serve upbuilding of community life. the gun itself. There can be no hitch. A blunder of one sort will lose a shot. A blunder of another sort will destroy a gun and scatter the fragments of half a hundred human bodies up and try with such rapidity the past few girl employment and other reforms. down the beach.

again, only 30 seconds in which to his boy police force that Mr. Schlacht do all those tremendous things accu- received his inspiration for the organrately! Teamwork, if ever there was such a thing! You can't say that the brains of the thing are here or there. They are everywhere, one great composite brain.

How They Do It.

tion of the crossed hairs in the glass Mr. Schincht assumed active charge of traffic accidents.

MEXICANS USE AMERICAN WIRELESS



One of the five American "de Forest" portable wireless outfits being used by the Mexican government. The photograph shows a Mexican operating the machine. The apparatus can be put together or demounted in a few minutes.

and constantly kept there by moving the target affects the problem. both these stations on the twentyeighth, twenty-ninth and thirtieth second of each observation. On the third from a straight line. Answer to that, bell both observers read the angles on please. So all these things are called to the men at the plotting board, a big who must co-ordinate them and correct semicircular table, equipped with the first answer. This, too, is all done swinging brass arms to be moved in 30 seconds. And by the time the across the board to give angles and gun has been fired and loaded the obdistances.

That plotting room in firing time sounds very much like the old-fashloned schoolroom when the awful hour came for oral artifmetic.

Only in the plotting room they throw in a lot of decimals, and one man takes up the problem at the instant it falls from the lips of the one ahead of him. attention. (One hit in seven at 10,000 and they not only have to think but use a lot of mathematical instruments ing.) Thompson says his men did it, at the same time. And when you think and the men say Thompson did it. The you have the answer, that is only the beginning. That is merely the uncorrected range.

More figures are to tumble into the situation as fast as a man can talk, several men rather. The wind is blowwind-measuring table must figure that out and contribute his bit. Don't forget the tide. With reference to the beach, where the gun is, the vessel on the sea, there is a decimal or so higher another metal tooth, and the 52 tons figures that out. The ship is moving that in the last instant must be corof gun gets up above the parapet, rises over her course. Somebody else must rect to a hair's breadth if the shot is

ORGANIZE FIRST

MOTHERS' POLICE

Form Force to Regulate

District.

Against Cadet System and Mod-

ern Dress and Movie Theater

Evils Will Be Fought.

the young girl in need of advice,

waste paper, litter and other forms of

The "mother police" is the idea of

Harry H. Schlacht, a young attorney,

who started the boy police movement,

which has spread through the coun-

years. It was from the operation of

The "juvenile cops," as the boys

styled themselves, were denied en-

picture theaters—or in general in fields

ization of this new department.

is in line with the vessel's smokestack | dredth part of a degree the travel of

All in Half a Minute. Then the shot itself, in a journey of six miles, is going to deviate some out to the man at the range board, servers and the plotters have done the thing all over again and flash the next range to the men at the gun.

Then there is muzzle velocity, which is never twice alike from two lots of powder. So the coast artillerymen blend their powder by hand, taking grains from different cans (a grain of nitrocellulose is about the size of a spool of thread) till they get the mixture they like, make a trial shot with that to see what muzzle velocity it gives, and then figure on the factor remaining the same so long as the same blend is used through one period of target practice. Of course, after a little while a change in the weather or temperature will upset that calculation, and another blend has to be made.

And after all this care in blending powder, all this precision in the mathematics of the thing, there comes in the gun pointer, not the man behind the gun, but the man crouched alongside it on his narrow, shelflike platform, with his eye on the target, too, and

the membership campaign and already has succeeded in enrolling more than 5,000 applications from mothers who want to lend their support to the movement. The head of the force is Mrs. Rose Kelhoffer, a strong, aggressive woman upon whose shoulders rests considerable responsibility. She has declared herself for the removal of Women of New York's East Side "blinds" for disreputable houses, dance halls, moving picture houses and vau-



Mrs. Rose Kelhoffer, Chief.

deville houses, the prosecution of cigar stores selling cigarettes to minors, the throwing of inflammable refuse into fire escapes, supervision of immigrant

Every member of the force will be equipped with a police whistle and instructed to summon a regular policeman to her assistance at the first show of trouble. Wherever it is necessary the women will be directed to make artrance to dance halls and were looked rests on their own initiative, under auupon with disfavor at many moving thority of the law. A number of the women have volunteered to act as su-The beginning of each operation is of endeavor fruitful for the cadet. The pervisors of the "play streets" recently in the base-line observation stations, young attorney talked the situation opened by the police, in addition to two observatories 2,000 yards apart over with a number of mothers of the their regular duties. These enlistments on the beach. In each of them a man | East side and 100 of them volunteered | are counted on to work wonders in the observing the moving battleship to lend their aid in the formation of an way of juvenile reform, as well as to through a powerful glass; the intersec- organization to abate the cadet evil. reduce the percentage of deaths from



CHICKENS RUNNING AT LARGE

Unlimited Range Is Nuisance When Fowls Are Given Privilege of Stables, Sheds, Etc.

Unlimited range has its advantages, but if unlimited range means that the fowls have the privileges of the stables, wagon sheds and roosting on the wheels and machinery, then the unlimited range is a nuisance. To give



Feeding Unconfined Flock.

poultry plenty of room does not imply that the fowls should go where they please. A hen has no place in a stable any more than a cow has the right in a poultry house. Little by little the droppings accumulate during the season until everything is too filthy to handle, and the work of cleaning will be more than the real value of the fowls. Keep poultry away from oth-

GUINEAS AS SUMMER LAYERS

Egg Is About Two-Thirds as Large as That of Chicken-Has Decidedly Better Flavor.

There are two different breeds of guineas, the white and the pearl. Both breeds are excellent summer layers. and the eggs are of superior quality. The guinea egg is about two-thirds as large as the hen egg, and has a decidedly better flavor. The guinea hen begins to lay as soon as the weather gets warm in the spring. If they are well fed during the winter they will begin to lay earlier than if they are only half fed through the winter.

If there are as many male birds in the flock as there are hens they will



Pearl Guinea.

mate off in pairs, but if only a few male birds are kept several hens will mate with one male and all or nearly all of them will lay in the same nest. Most guinea raisers recommend keeping one male bird for every five hens; we kept only two male birds with 20 hens last year and the eggs hatched as well as they did when we kept more males. The fewer male birds that are kept in the flock, the less quarrelsome they are.

HEN IS THE BIGGEST EATER

Fowl Turns Out More Food, According to Weight, Than Best Dairy Cow-Marvel of Efficiency.

The hen is the biggest eater of all domestic animals. A three and onehalf pound hen, according to Doctor Rice of Cornell, will eat 110 pounds of food in a year. She will lay 30 pounds of eggs, or perhaps more. Eggs are highly concentrated food, and the hen that transforms a hundred pounds of bran, grass, grain and gravel, and other scraps into one-third their weight of fresh eggs, is a marvel of efficiency. The hen therefore turns out more food, according to her weight, than the best dairy cow.

TO BREAK HENS FROM SITTING

Wait Until She Gets Well Settled Then Place Her in Open Coop-Soon Forgets Desire.

To break a hen from sitting let her sit a day or two until she gets well settled, then put her, preferably with two or more other hens, into an open coop in full view of the poultry yard, where she can see her free sisters scratching around enjoying themselves. Hens are jealous creatures and a sitting hen placed in such a position and well fed, soon forgets her desire to sit, and when given her freedom on the morning of the fourth or fifth day she will happily resume the duties of her

In Woman's Realm

Of All Articles of Clothing, the Tailored Costume Should Be Chosen With the Utmost Care, for Obvious Reasons-Dainty Things Innumerable Are Offered at This Time for Wear in the Morning.

suit is to be most carefully selected.

Wherever else she may be forced to

The inlored suit is of perennial in- [wild rose. Here is one of them, erest, for it is much the same and made of the very palest shade of pink. must reach the same standards in all in cotton volle, with a narrow satin walks of life. Nothing that women stripe running through it. Scattered wear meets so many critical eyes, and over the surface of the cloth, the smallwomen step down and up to a com- est of roses, about as big as a pencilmon level when they wear correct head, are set in equally diminutive street clothes. Therefore the tailored leaves. The roses are in pink, deepening to the American Beauty shade.

This is about the simplest of all practice economy every woman should morning jackets and it doesn't take give as much as she can for good ma- much calculation on the part of the terial and good style in her tailored least calculating woman to convince suits. Thanks to manufacturers there her that its cost is next to nothing. It



are ready-made suits of moderate | only takes about three yards of voile a price that command the respect of the yard wide to make the body and most discriminating of women. The sleeves. Any other sheer fabric will most effective suits follow current answer the purpose as well as volle, modes with so much reserve that they and there are numberless cotton are not out of date with the passing weaves, including challe, organdle, of a single season. This is especially lawn, batiste, mull and crepe, that are true of the materials of which the printed with all sorts of flower pat-

The suit shown here is an excellent

erns. The jacket pictured is plain with

example of a standard sult, made of long shoulder seams and three-quarter black and white checked material, length sleeves. It is cut to hang which is never out of fashion. The straight from the shoulders, and gathskirt is plain and rather full and ered in at the waistline by a ribbon flares sufficiently to be in the mode, run through a casing. The casing is The coat is plain cut, with an easy made by stitching a strip of the mateadjustment to the figure, which is rial to the under side of the jacket. always smart, and has a full peplum | The neck is trimmed to a V shape at



Trim and Neat for Breakfast Time.

and wide belt of the material. Patch | the front and finished with a narrow plain collar depend upon neat machine-stitching and bone buttons for an always correct tailored finish. The buttons are white, bordered with a rim of black.

White washable gloves, black and white shoes, and a tailored hat faced with black belong in the company of this model suit. They complete the equipment of the wearer for the happenings of the day.

There are many dainty jackets designed for morning wear that go to no great lengths to make themselves attractive. They are, in fact, brief little garments whose story is soon told. But they are as sure of plensing the eye and the good taste of women as is the

pockets, odd band cuffs, and high facing, and the sleeves are faced also. All the seams are felled.

A row of val lace insertion and edging trims the bottom, having the edging whipped to the insertion with a little fullness, to form a scant frill.

A wide collar and cuffs of white organdle are finished with lace in the same way, and they are basted to the neck and sleeves as a finish to the jacket. Collar and cuff sets are bought ready made and may be had for so low a price that it is hardly worth while to make them. The jacket fastens at the throat with a snap

Julia Bottomby